HEALTHCARE
Imaging >
Global Support Operations

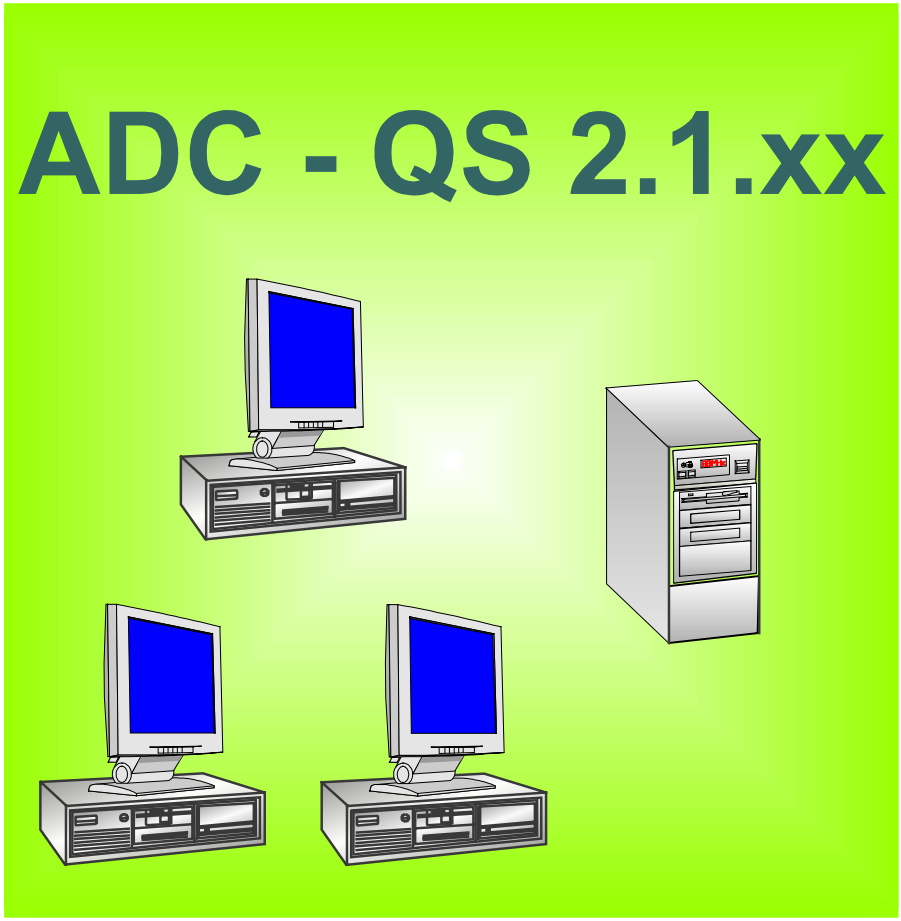
Maintenance

Order No.: DD+DIS137.02E
1 Piece VFGW6 Ma1

ADC Quality System 2.1.xx
Type 4406 / 421

Maintenance Instructions
for the ADC QS Quality System:
- ID Viewer
- ADC QS Client Station
- ADC QS Server Station

1st Edition



This documentation is separately available. Order No: DD+DIS137.02E

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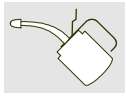

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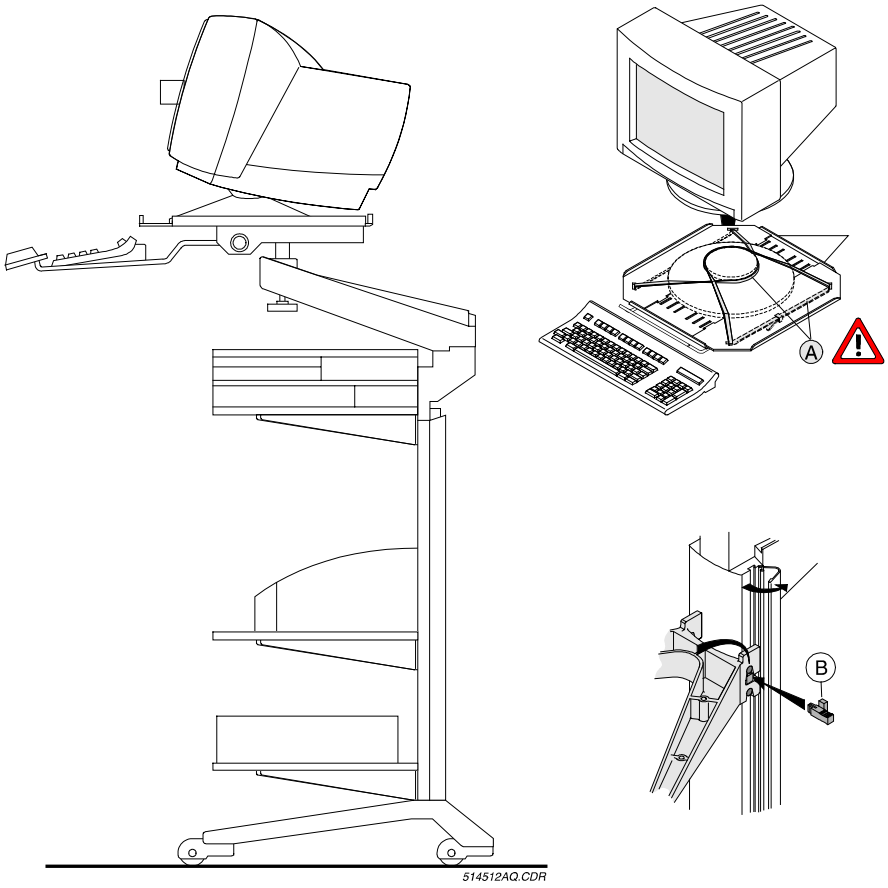
1 Maintenance Points ID - Viewer

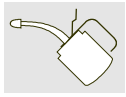
Cleaning, visual and functional check of the ID - Viewer

Device	Action	Auxiliary equipment	Details see
ID – Tablet	Clean surface of the ID tablet	Soft cloth, (Isopropanol, plastic cleaner)	
	Check cassette duct for tight mounting		
ID – Console (if present)	Check console for damage		
	Check all cables, cable connections for damage and loose contacts		
	Check protection of the monitor (cable ties).		Fig. (A)
	Check that all protection clips exist		Fig. (B)
Client PC with ID – Viewer	Clean ventilation openings of the PC	Vacuum cleaner	
	Check function of the ID Viewer by identifying a cassette	Cassette	
Monitor	Clean monitor	Screen cleaner	



2 Maintenance Points ADC QS Server / Client Station

Device	Action	Auxiliary equipment	Details see
Server and Client Station	Clean ventilation openings Clean interior fans	Vacuum cleaner	
Machine and Periphery	Check all external cables and cable connections for damage and loose contacts		
Monitor	Check calibration of monitor If an image error was detected, talk to the radiologist to decide the recalibration of the monitor. Recalibrate the monitor Contact the responsible Application Specialist	SMPTE test pattern Luminance meter	 Chapter 3.6



3 Maintenance Checklist

Operating procedure for order no.

System components to be inspected:

- ❑ **ID / PRID - Station** **SN.....** **SN.....**
- ❑ **ADC QS Server Station** **SN .....**
- ❑ **ADC QS Client Station** **SN .....**

Device	Test Point - Maintenance Point	OK	not OK
Complete System	Talk to the operators about possible problems. Talk to the physician in charge about the image processing parameters in the various menus		
ADC QS – Server Station	Clean ventilation openings of the Workstation Clean interior fans		
ADC QS Server Station and Periphery	Check all external cables and cable connections for damage and loose contacts		
ID – Viewer	Clean the PC (ventilation openings) Check function of the ID Viewer by identifying a cassette		
ID – Tablet	Clean surface of the ID tablet Check cassette duct for tight mounting		
ID – Console	Check console for damage Check all cables and cable connections for damage and loose contacts. Check that all protection clips of the tables are present Check protection (cable ties) of the monitor		
Monitor	Check calibration of the monitor by means of a SMPTE test pattern. If an image error was detected, talk to the radiologist to decide the recalibration of the monitor. Recalibrate the monitor or contact the responsible Application Specialist. Clean the monitor		
Complete system – Image quality	Expose a grey field (flatfield) and evaluate the image on the workstation and the Laserprinter. Criteria: homogenous field, stripes a.s.o. Recalibrate if necessary.		

Device	Test Point - Maintenance Point	OK	not OK
Complete system - Image quality	Check plates for running askew with a test sheet. Check test sheet for wobbling of the Galvo in digitizer.		
Maintenance completion	Enter the <Maintenance date> in the service program At the end of the maintenance, hand over the maintenance checklist to the customer and inform him about the results of the maintenance. If any image faults were detected, inform the responsible Application Specialist.		

Remarks:

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Date / Signature Service Technician Customer